

**BACHELOR OF SCIENCE IN INFORMATION COMMUNICATION
TECHNOLOGY AND BACHELOR OF BUSINESS INFORMATION
SYSTEMS**

FOURTH YEAR / SEMESTER 1

ITB 1401 : CYBERLAW EXAM Kimwele Muneeni

QUESTION ONE **(30
Marks)**

- (a) Requests for mutual assistance may be refused in certain circumstances. Discuss. **[5
Marks]**
- (b) What challenges are faced in installing intrusion prevention systems ? **[5 Marks]**
- (c) What is the distinction between IDS and firewalls ? **[5 Marks]**
- (d) What are the benefits of using a management information system? **[5
Marks]**
- (e) Distinguish between encryption and decryption **[5
Marks]**
- (f) State five basic uses of internet **[5 Marks]**

QUESTION TWO

- (a) Any person who commits an illegal act with a guilty intention or commits a crime is called cyber offender or a cybercriminal. Explain the different types of such criminals. **[10
Marks]**
- (b) New theories of cybercrime jurisdiction and analysis have been developed by scholars and researchers. Discuss. **[10
Marks]**

QUESTION THREE

- (a) There are many types of cyber crime prevailing in the system. Broadly we can classify them in to three major categories. Discuss **[10
Marks]**

- (b) In establishment and perfection of criminal jurisdiction system of computer cybercrime a number of principles are applied. Discuss . [10 Marks]

QUESTION FOUR

- (a) Sec. 83B. (1) of the Kenya Information Communication Act, stipulates that [Electronic Transaction] shall not apply to any rule or law requiring writing or signatures in a number of matters. Discuss [10 Marks]
- (b) Internet censorship can take on many forms. Often, internet censorship is not restricted to just one thing but encompasses a combination of the forms . Discuss these forms . [10 Marks]

QUESTION FIVE [20 Marks]

Write short and concise notes on any **FOUR** of the following:

- (a) Distinction between electronic and digital signatures
- (b) Knowledge management
- (c) Anti-forensics
- (d) Fuzzy Logic
- (e) Machine learning